MYSORE GOVERNMENT METEOROLOGICAL DEPARTMENT.

Monthly Means of Meteorological Observations for July 1897.

	Bangalore.	Mysore.	Hassan.	Chitaldrug.
Observatory above Sea Level.	3021 ft.	2518 ft.	3030 ft.	2405 ft.
Barometer (red. to 32° F.) ...	26·810	27·324	26·766	27·37
Temperatures in shade :—				
Daily mean dry ...	74·9	74·7	71·3	76·0
Daily max. do ...	83·0	81·4	76·1	82·9
Daily min. do ...	66·7	67·4	65·7	69·2
Daily mean wet ...	66·9	67·7	66·5	68·5
Daily minimum wet ...	65·5	65·9	64·7	67·1
Temperatures of Radiation :—				
Daily max. Solar Heat in Vacuo	146·8	...	...	
Daily min. Temp. on Grass...	65·8	...	...	
Rain.—Total in inches ...	3·85	4·48	6·21	3·21
Direction (daily mean) ...	S. W. by W.	W. S. W.	W. by S.	W. S. W.
Velocity (miles per day) ...	289	357	119	274
Sky : Daily percentage ...	17	7	4	9
Sunshine : Hours Daily...	3·5	...	...	...

Observations were taken at Bangalore, Mysore, Hassan and Chitaldrug on the 1st day of the week ending Saturday 31st July 1897.

Corrected Meteorological Observations, Bangalore, for the Week 1st to 7th August 1897.

	Sunday 1.			Monday 2.			Tuesday 3.			Wednesday 4.			Thursday 5.			Friday 6.			Saturday 7.		
	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.
Barom. reduced to 32°F ...	26·832	26·834	26·774	26·899	26·917	26·813	26·928	26·930	26·832	26·894	26·904	26·800	26·837	26·859	26·744	26·799	26·788	26·743	26·805	26·801	26·710
Thermometers in shade.																					
Dry Bulb	69·5	75·0	78·3	76·3	75·0	81·3	68·0	73·7	82·5	71·5	75·7	82·3	72·0	76·4	80·0	71·1	74·3	76·3	70·0	74·5	75·0
Do. Max.	81·5	...	78·3	75·2	...	83·0	82·0	...	82·3	83·1	...	84·3	84·2	...	82·3	82·1	...	79·2	79·1	...	77·5
Do. Min.	66·8	...	66·8	68·6	...	66·6	67·7	...	67·7	67·0	...	67·9	67·3	...	67·3	68·3	...	68·3	66·2	...	66·2
Wet Bulb	67·5	68·7	70·3	68·6	69·7	71·3	67·9	69·5	70·5	68·5	69·5	70·0	67·5	68·6	68·0	66·7	68·0	68·0	67·6	69·1	68·7
Do. Min.	66·2	...	66·2	66·5	...	66·5	64·8	...	66·8	66·5	...	66·5	65·9	...	65·9	64·8	...	64·8	64·0	...	64·0
Wind velocity in miles for previous 24 hours ...	257	259	18	231	230	215	227	222	272	249	260	299	334	336	340	383	389	405	381	377	376
Direction of wind	W S W	S W	W S W	S W	S W	S W	W S W	S W	S W	S W	W S W	W S W	...	...	...	...	...	...	...	...	...
Rain in inches and cents... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·02	...	...	...	100	90	80
Per cent of cloudy sky	100	90	100	20	90	70	100	100	Fine.	80	Fine.	40	80	90	70	90	80	70	Strong wind.	Strong wind.	Strong wind.
General character of weather ...	Overcast.	Cloudy.	Overcast	Fine.	Fine.	Fine.	Overcast.	Overcast.					Fine.	Windy.	Fine.	Strong wind.	Strong wind.	Strong wind.			

Corrected Meteorological Observations, Mysore, for the Week 1st to 7th August 1897.

	Sunday 1			Monday 2.			Tuesday 3.			Wednesday 4.			Thursday 5			Friday 6.			Saturday 7.		
	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.
Barom. reduced to 32°F... ...	27·329	27·330	27·274	27·393	27·305	27·320	27·425	27·426	27·342	27·411	27·419	27·314	27·345	27·343	27·272	27·314	27·315	27·270	27·311	27·324	27·255
Thermometers in shade.																					
Dry Bulb	72·3	75·7	78·4	71·8	76·3	78·1	72·0	76·8	79·9	75·1	77·3	82·0	74·3	77·0	75·2	68·9	75·5	73·1	72·1	72·8	73·1
Do. Max.	83·0	...	81·5	81·5	...	80·3	80·3	...	82·0	81·9	...	84·2	84·1	...	69·1	79·0	...	79·1	79·1	...	75·9
Do. Min.	67·5	...	67·5	67·0	...	68·9	67·7	...	67·7	67·8	...	67·8	68·1	...	68·1	67·4	...	67·5	67·2	...	67·2
Wet Bulb	69·6	70·3	71·7	69·4	70·7	70·5	69·9	71·2	71·6	70·3	70·8	71·5	69·6	70·0	68·5	67·1	70·4	69·1	69·0	69·9	69·7
Do. Min.	66·3	...	66·3	66·1	...	66·1	66·4	...	66·1	66·8	...	66·8	66·6	...	66·6	65·3	...	65·3	65·1	...	65·1
Wind velocity in miles for previous 24 hours ...	327	330	328	292	279	277	253	283	268	273	276	308	337	355	371	445	438	418	348	351	350
Direction of wind	W	W S W	W S W	S W	W S W	S W	S W	W S W	S W	W	W S W	W S W	W	W S W	W S W	W S W	W	W S W	W S W	W	W S W
Rain in inches and cents ...	0·02	...	0·01	...	...	0·01	...	...	0·05	...	...	...	0·02	...	...	0·05	0·01	0·07	0·24	0·02	0·01
Per cent of cloudy sky	100	100	100	100	100	90	100	100	100	70	90	60	100	100	100	100	100	100	100	100	100
General character of weather ...	Clouds low.	Fine.	Fine.	Clouds low.	Fine.	Fine.	Clouds low.	Fine.	Fine.	Fine.	Fine.	Fine.	Wind variable.	Strong wind.	Windy.	Drizzling.	Drizzling.	Passing showers.	Clouds low.	Drizzling.	Drizzling

Corrected Meteorological Observations, Hassan, for the Week 1st to 7th August 1897.

	Sunday 1.			Monday 2.			Tuesday 3.			Wednesday 4.			Thursday 5.			Friday 6.			Saturday 7.		
	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.
om. red. to 32°F ...	26·770	26·780	26·733	26·830	26·848	26·774	26·856	26·865	26·796	26·844	26·857	26·770	26·766	26·727	26·721	26·760	26·762	26·716	26·760	26·762	26·676
rmometers in shade.																					
Bulb	71·9	72·1	73·0	71·2	75·6	74·0	70·2	74·1	74·6	71·6	74·5	74·8	70·7	72·4	71·8	70·0	69·8	68·5	69·0	71·0	70·0
Max.	76·7	...	78·3	78·3	...	77·8	77·3	...	78·0	78·0	...	78·2	78·2	...	74·3	74·3	...	71·8	71·8	...	70·3
Min.	66·5	...	66·5	66·6	...	66·8	66·9	...	66·9	66·7	...	66·7	66·1	...	66·1	65·6	...	65·6	64·7	...	64·7
Bulb	68·3	69·0	69·0	68·6	70·0	69·7	68·2	69·3	69·0	66·5	69·0	68·5	67·4	68·3	67·7	67·2	67·8	67·1	67·6	69·2	68·0
Min.	65·8	...	65·3	65·8	...	65·8	66·2	...	66·2	65·8	...	65·8	65·0	...	65·0	64·9	...	64·9	63·8	...	63·8
d velocity in miles for previous 24 hours ...	112	110	107	75	78	74	100	99	99	103	105	126	157	162	162	163	158	135	152	129	136
ection of wind ...	W S W	W S W	W	W S W	W	W S W	W	W N W	W	W S W	W S W	W	W	W	W	W S W	W	W	W S W	W	W
n in inches and cents ...	0·05	...	...	0·02	...	...	0·01	...	...	0·01	...	...	0·05	...	...	0·18	0·01	0·53	2·57	0·63	1·02
cent of cloudy sky	100	100	100	100	90	100	100	100	100	90	90	90	100	100	100	100	100	100	100	100	100
eral character of weather ...	Dark gloomy.	Moist.	Dark gloomy.	Dark gloomy.	Fine.	Dark gloomy.	Dark gloomy.	Dark gloomy.	Dark gloomy.	Clouds low.	Clouds low.	Clouds low.	Dark gloomy.	Strong wind.	Dark gloomy.	Moist.	Drizzling.	Drizzling.	Drizzling.	Raining.	Raining.

Corrected Meteorological Observations, Chitaldrug, for the Week 1st to 7th August 1897.

	Sunday 1.			Monday 2.			Tuesday 3.			Wednesday 4.			Thursday 5.			Friday 6.			Saturday 7.		
	8 h.	10 h.	16 h.	3 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.	8 h.	10 h.	16 h.
om. red. to 32°F ...	27·460	27·400	27·333	27·463	27·484	27·395	27·492	27·491	27·413	27·469	27·466	27·372	27·393	27·401	27·318	27·362	27·352	27·290	27·364	27·352	27·276
rmometers in shade.																					
Bulb	72·8	75·0	78·8	73·4	75·8	75·2	73·3	76·4	77·6	72·9	77·4	80·1	72·8	76·7	76·1	72·6	77·4	79·8	70·6	73·4	75·8
Max.	81·3	...	79·5	79·5	...	82·5	82·5	...	83·9	83·9	...	82·2	82·2	...	80·3	80·3	...	81·5	81·5	...	78·2
Min.	70·1	...	70·1	69·7	...	69·7	69·8	...	69·8	69·9	...	69·9	70·3	...	70·3	69·3	...	69·3	69·0	...	69·0
Bulb	69·5	70·7	71·1	70·0	70·4	71·6	70·0	71·3	72·2	69·0	70·6	70·3	68·8	69·9	71·2	69·0	70·0	69·5	69·1	69·9	70·7
Min.	68·1	...	68·1	68·0	...	68·0	68·2	...	68·1	68·9	...	68·0	67·4	...	67·4	67·4	...	67·4	67·2	...	67·2
d velocity in miles for previous 24 hours ...	251	249	247	220	212	199	220	228	239	231	238	315	350	350	347	355	359	358	342	334	333
ction of wind ...	W S W	W S W	W S W	W S W	S S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W	W S W
in inches and cents ...	...	...	...	...	...	0·02	0·01	...	0·15	...	...	...	...	...	0·03	0·02	...	0·01	0·06	...	0·01
cent of cloudy sky	100	100	100	100	100	90	100	80	100	100	90	100	100	100	100	100	90	100	100	100	90
ral character of weather ...	Overcast.	Overcast.	Fine.	Light drizzle.	Fine.	Fine.	Fine.	Windy.	Fine.	Light drizzle.	Windy.	Windy.	Gale of wind.	Windy.	Windy.	Gale of wind.	Windy.	Windy variable.	Drizzling.	Overcast.	Windy.

The 9th August 1897.

J. COOK,
Director of Meteorology in Mysore.